

This listing of claims will replace all prior versions,  
and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-22 (previously canceled).

Claims 23-35 (currently canceled).

Claims 36-43 (previously canceled).

Claims 44-46 (currently canceled).

[Add the following new claims:]

Claim 47. (new): A thermal protection sheath,  
comprising:

1 a tubular substrate that has an exterior surface with a plurality of recesses therein, said substrate being longitudinally and radially elastically deformable between a relaxed configuration and an expanded configuration in which a length and a radius of said substrate are larger than in said relaxed configuration; and

a reflective foil fixed to said substrate and contacting said exterior surface only intermittently so as to form air pockets, said reflective foil being arranged on said substrate to have a plurality of indentations that correspond to said plurality of recesses when said substrate is in said relaxed configuration and that disappear when said substrate is

elastically deformed to permit said substrate to assume said expanded configuration.

Claim 48. (new): The sheath of claim 47, wherein said substrate comprises a corrugated tube and said recesses are annular depressions in said exterior surface, and wherein said air pockets are in said annular depressions between said foil and said corrugated tube.

Claim 49. (new): The sheath of claim 47, wherein said substrate comprises a woven material and said recesses are between threads of said woven material.